

State of Illinois

DEPARTMENT OF ENVIRONMENTAL QUALITY  
DIVISION OF WATER QUALITY

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MAY 6 1994

DIVISION OF  
OIL GAS & MINING

April 28, 1994

Mr. Dave Hodson, Manager  
Barneys Canyon Mine  
P.O. Box 311  
Bingham Canyon, Utah 84006-0311

RE: Barneys Canyon Mine Updated  
Mining and Reclamation Plan;  
Ground Water Permit No. UGW  
350001 and DOGM Permit  
M/035/009

Dear Mr. Hodson:

We received your letter dated March 24, 1994, and a copy of the updated Mining and Reclamation plan you submitted to the Division of Oil Gas and Mining (DOGM) dated March 24, 1994. The submittal is for modification of mining operations that includes expanding the size and depth of the North BC South and Melco pits, by creating a series of waste dumps North of the current Melco pit, and by redesigning the DOGM permitted 7200 dump.

Barneys Canyon is requesting that the existing DOGM permit be amended with the accompanying plans. By carbon copy of this letter, we are notifying DOGM of the results of our review. We consider the pit expansions, the construction of haul roads, blasting, crushing and screening, as permitted by rule. The existing pads and other ore processing facilities and plants have already been permitted, as has the new sulfide ore processing facility.

Because of the large volume of sulfide waste rock, plans for the the Melco 7200 and Melco North waste dumps will require review and approval from the Division before they can be built. A construction permit will therefore be required.

Mr. Dave Hodson, Manager

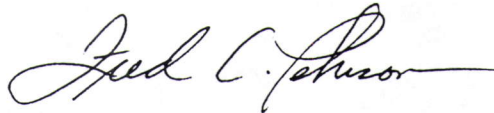
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The ground water permit may need to be modified for the waste rock dumps as the new design and the alterations upgrade BAT required in the Waste Rock Management Plan by Part I.H.3, of the permit. The Waste Rock Plan was implemented to protect ground water from sulfide oxidation.

Should you have questions, please call Mack Croft at (801) 538-6146.

Sincerely,



Fred C. Pehrson, P.E., Manager  
Permits, Compliance & Monitoring Branch

FCP:MGC:wfm

cc: **Division of Oil, Gas & Mining**  
Salt Lake City/County Health Department

P:BARCYNUPD.LTR  
FILE:BARNEYS